Stationing your Alignment

DGN files must have units in feet. US survey feet will cause a shift to the alignments as the mx model file only works in feet.   Hope to resolve this issue in the future.
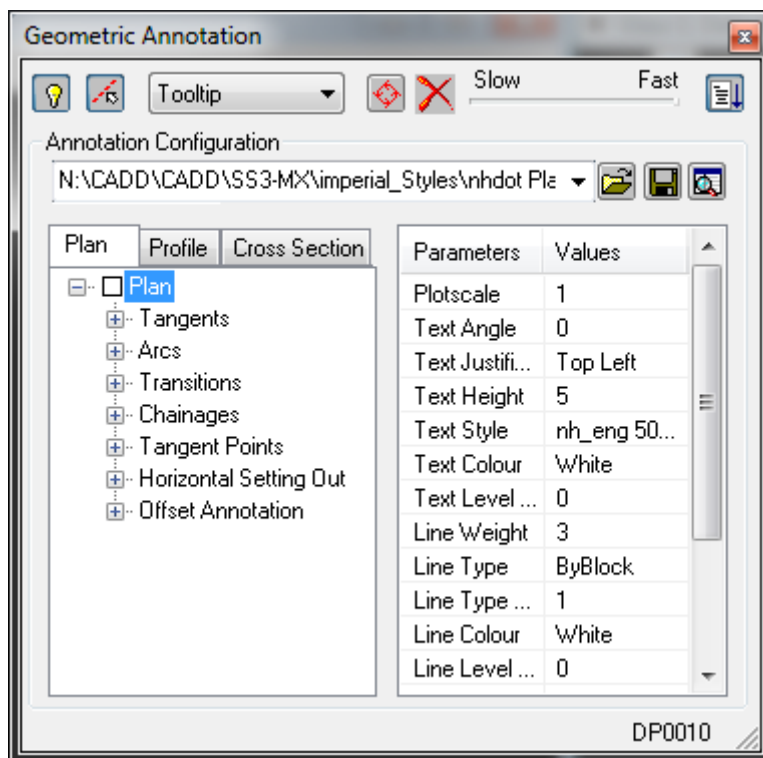
Create an MX Model to receive the alignment. Set the model defaults to Road.pss.

Open the MX Conversion tool bar if not already open. MX>View>Toolbars>MX Conversion

Select the model you created in the left drop down. Use element selector to select the civil geometry alignment. In the right drop down select Alignment as the feature type. When prompted select yes to convert the selected element to Alignment. Input the desired starting station and interval. OK.

The alignment will be created within the model. Open your MX dgn model. Use Display>Plan with Style set> uncheck Display all Strings, select the model and string label of the alignment. OK. This will display the alignment.

MX>Draw>Annotate Drawings or Pages. This will bring up the Geometric Annotation panel.

Use the file open to open the **nhdot plan all annotation.mxtip** file. **Check** the box next to Plan in the lower left pane. Use Element Selector to select the alignment. Hit on the Annotate Selection / Refresh button next to the X. This will draw the all the Alignment annotation and put it in the correct

levels in the MX model. It also creates the elements in the Default model but it puts all of them on the default level.

Open the Default model. Use element selector to select all of the alignment pieces and delete them. Use Level Display and expand the tree and select the MX model and turn on the display of all levels. Turn off the Alignment level. Highlight all the elements and copy them from and to the same point. They should now reside in the Default model and the display in the MX model can be erased.

The drawing can be exported native to create the microstation drawing. When exported all models are exported.